

Amendments to the Specification

Please replace paragraph [0001] with the following amended paragraph:

- 5 [0001] This application is a continuation-in-part of ~~pending~~ application serial number 09/494,866 filed January 31, 2000 voluntarily abandoned February 9, 2002 after filing this application.

Please replace paragraph [0054] with the following amended paragraph:

10

- [0054] The various cleaning devices of the present invention may be made using a method which includes the steps of: selecting an elongated base member 2 formed from a thermoplastic material and having a plurality of fibers 3 integrally connected thereto and protruding therefrom; attaching a first portion
15 10 of the base member 2 as shown in Fig. 3 by means of gripping member 12 to a rotatable mandrel member 11 at a starting point ~~12~~ 23 on the mandrel 11; simultaneously rotating the mandrel 11, and progressively feeding the base member 2 onto the mandrel 11 at an ever increasing distance from the starting point ~~12~~ 23 on the mandrel 11; applying sufficient heat to the base member 2
20 to soften the thermoplastic material so that it will conform to the outer surface 14 of the mandrel 11; continuing the rotating and feeding steps until a selected end point 15 away from the starting point ~~12~~ 23 on the mandrel 11 is reached; applying a cooling medium to the base member 2 until the base member 2 hardens and remains conformed to the outer surface 14 of the
25 mandrel 11; and removing the base member 2 from the mandrel 11.

Please replace paragraph [0089] with the following amended paragraph:

- [0089] The cleaning device 101 in Figures 13 and 14 includes an elongated
30 flexible base member 102 formed from a thermoplastic material and formed in a helix-like configuration 104 forming an opening 77 therethrough. The base

Election/Restrictions

Applicant affirms the election made in a telephone conversation with Examiner Mark Spisich 23 February 2004 as set forth in the Examiner's communication mailed 03/02/2004 to prosecute Election I; viz. Claims 1,3-11 and 25 - 38, drawn to a cleaning device, classified in class 15, subclass 104.2 without traverse.

Comment Re Page 1

In Applicant's communication dated February 8, 2002, in paragraph 17, Applicant requested that the prior pending application Serial No. 09/494,866 filed January 31, 2000 be abandoned while the prior application is pending.

The prior application was abandoned on March 12, 2002.

15

20

25

30

Amendments to the Specification

Please replace paragraph [0001] with the following amended paragraph:

- 5 [0001] This application is a continuation-in-part of ~~pending~~ application serial number 09/494,866 filed January 31, 2000 voluntarily abandoned February 9, 2002 after filing this application.

Please replace paragraph [0054] with the following amended paragraph:

10

- [0054] The various cleaning devices of the present invention may be made using a method which includes the steps of: selecting an elongated base member 2 formed from a thermoplastic material and having a plurality of fibers 3 integrally connected thereto and protruding therefrom; attaching a first portion
15 10 of the base member 2 as shown in Fig. 3 by means of gripping member 12 to a rotatable mandrel member 11 at a starting point ~~42~~ 23 on the mandrel 11; simultaneously rotating the mandrel 11, and progressively feeding the base member 2 onto the mandrel 11 at an ever increasing distance from the starting point ~~42~~ 23 on the mandrel 11; applying sufficient heat to the base member 2
20 to soften the thermoplastic material so that it will conform to the outer surface 14 of the mandrel 11; continuing the rotating and feeding steps until a selected end point 15 away from the starting point ~~42~~ 23 on the mandrel 11 is reached; applying a cooling medium to the base member 2 until the base member 2 hardens and remains conformed to the outer surface 14 of the
25 mandrel 11; and removing the base member 2 from the mandrel 11.

Please replace paragraph [0089] with the following amended paragraph:

- [0089] The cleaning device 101 in Figures 13 and 14 includes an elongated
30 flexible base member 102 formed from a thermoplastic material and formed in a helix-like configuration 104 forming an opening 77 therethrough. The base

member 102 has a characteristic permitting memory reset from a first configuration to a second configuration upon the application of heat and cold. A non-stretchable and relatively non-compressible plastic core member 78 is inserted through the opening ~~102~~ 77 and attached to the base member at one or
5 more points or even continuously. The plastic core member may be constructed from a polypropylene or other plastics which may be easily attached to the base member 102. Preferably the material may be attached by thermal welding.

10 Please replace paragraph [0094] with the following amended paragraph:

[0094] Fig. 19 illustrates the same cleaning device as illustrated in Fig. 18 being applied to an open ended tube 280. The arrows 182 and 183 indicate that the cleaning device may be pulled in both directions. They do not
15 necessarily indicate that the device may be pushed through the open ended tube. In most instances the core 378 and handles 181 and ~~182~~ 379 would buckle if simply pushed.

20

25

30